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THE SOLAR ECLIPSE OF OCTOBER 9, 1893. REPORTS OF OBSERVATIONS.

OBSERVATIONS AT THE CHABOT OBSERVATORY, BY MR. BURCKHALTER.

"I observed the partial eclipse of October 9, *by projection*. The seeing was fair. I do not consider the method by projection as satisfactory as the direct method.

Contact I. 10^h 20^m 24^s, P. S. T., A. M.
II. 12^h 55^m 0^s P. M."

CHARLES BURCKHALTER.

[Dated]

CHABOT OBSERVATORY, October 9, 1893.

THE SOLAR ECLIPSE OF OCTOBER 9, IN THE STATE OF WASHINGTON.

A note from Mr. O. E. HARMON says that observations of the eclipse were prevented by clouds at his station (Chehalis, Lewis County), and also at the station of Professor TAYLOR (Observatory of the State University, Seattle).

MOUNT HAMILTON OBSERVATIONS OF THE LAST CONTACT OF THE PARTIAL SOLAR ECLIPSE OF OCTOBER 9 AND 10, 1893.

The sky was overcast till about noon. The following observation of Contact II were secured :

OBSERVER.	PAC. STANDARD TIME.	INSTRUMENT.
	h. m. s.	
J. M. SCHAEBERLE.....	o 56 31.8	In focus of 40-foot photoheliograph.
E. E. BARNARD.....	o 56 29.6	12-inch refractor.
"Time of <i>tangency of limbs</i> at last contact. A large lump was visible one or two seconds longer."		
R. H. TUCKER, JR.	o 56 32.7	4-inch finder of 36-inch telescope.
A. L. COLTON.....	o 56 21	3-inch portable telescope.
C. D. PERRINE.....	o 56 33	In focus of 40-foot photoheliograph.

Professor SCHAEBERLE and Mr. PERRINE secured seven negatives of the last half of the eclipse with the photoheliograph.